

INTERNATIONAL SEARCH REPORT

PC 03/12794

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N9/96 C12N11/00 C12N9/04 C12N9/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LOPEZ-SERRANO P ET AL: "Cross-linked enzyme aggregates with enhanced activity: Application to lipases." BIOTECHNOLOGY LETTERS, vol. 24, no. 16, August 2002 (2002-08), pages 1379-1383, XP009003775 August, 2002 ISSN: 0141-5492 cited in the application * page 1380, "CLEAs prepared in the presence of SDS", "CLEAs prepared in the presence of Triton X-100" * * Figure 1 * * page 1382, "Effect of additives" : first three paragraphs * tables 1,2</p> <p style="text-align: center;">-/-</p>	1-15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

28 April 2004

Date of mailing of the international search report

06/05/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 088 887 A (DSM NV) 4 April 2001 (2001-04-04) cited in the application —	
A	WO 02/061067 A (VAN RANTWIJK FREDERIK ;CAO LINQIU (NL); UNIV DELFT TECH (NL); LOPE) 8 August 2002 (2002-08-08) —	
A	DE 44 19 024 C (INST CHEMO BIOSENSORIK) 19 October 1995 (1995-10-19) —	

INTERNATIONAL SEARCH REPORT

P 03/12794

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 1088887	A	04-04-2001	EP	1088887 A1	04-04-2001
WO 02061067	A	08-08-2002	NL	1017258 C2	02-08-2002
			CA	2436087 A1	08-08-2002
			EP	1360285 A1	12-11-2003
			WO	02061067 A1	08-08-2002
DE 4419024	C	19-10-1995	DE	4419024 C1	19-10-1995



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	LOPEZ-SERRANO P ET AL: "Cross-linked enzyme aggregates with enhanced activity: Application to lipases." BIOTECHNOLOGY LETTERS, vol. 24, no. 16, August 2002 (2002-08), pages 1379-1383, XP009003377 August, 2002 ISSN: 0141-5492 * page 1380, "CLEAs prepared in the presence of SDS", "CLEAs prepared in the presence of Triton X-100" * * Figure 1 * * page 1382, "Effect of additives" : first three paragraphs *	1,2,10, 14,15	C12N9/96 C12N11/00 C12N9/04 C12N9/02
A,D	EP 1 088 887 A (DSM NV) 4 April 2001 (2001-04-04) * the whole document *	1-15	
A	WO 02 061067 A (VAN RANTWIJK FREDERIK ;CAO LINQIU (NL); UNIV DELFT TECH (NL); LOPE) 8 August 2002 (2002-08-08) * the whole document *	1-15	
A	DE 44 19 024 C (INST CHEMO BIOSENSORIK) 19 October 1995 (1995-10-19) * the whole document *	4-7	
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 14 January 2003	Examiner Mauhin, V
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 07 9675

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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14-01-2003

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 1088887	A	04-04-2001	EP	1088887 A1	04-04-2001
WO 02061067	A	08-08-2002	NL	1017258 C2	02-08-2002
			WO	02061067 A1	08-08-2002
DE 4419024	C	19-10-1995	DE	4419024 C1	19-10-1995